

# Workshop on Clean Air with Improved Crop Residue and Biomass Management in Asia



## Asia Clean Blue Skies Program ADB's Corporate Program for Improving Air Quality

Karma Yangzom, Principal Environment Specialist, CCRE-ENV  
6 June 2024



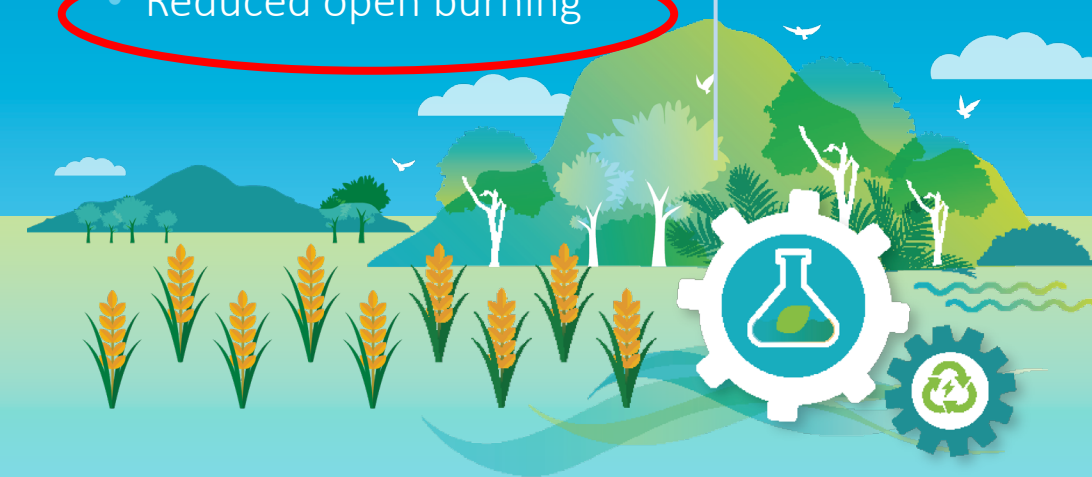
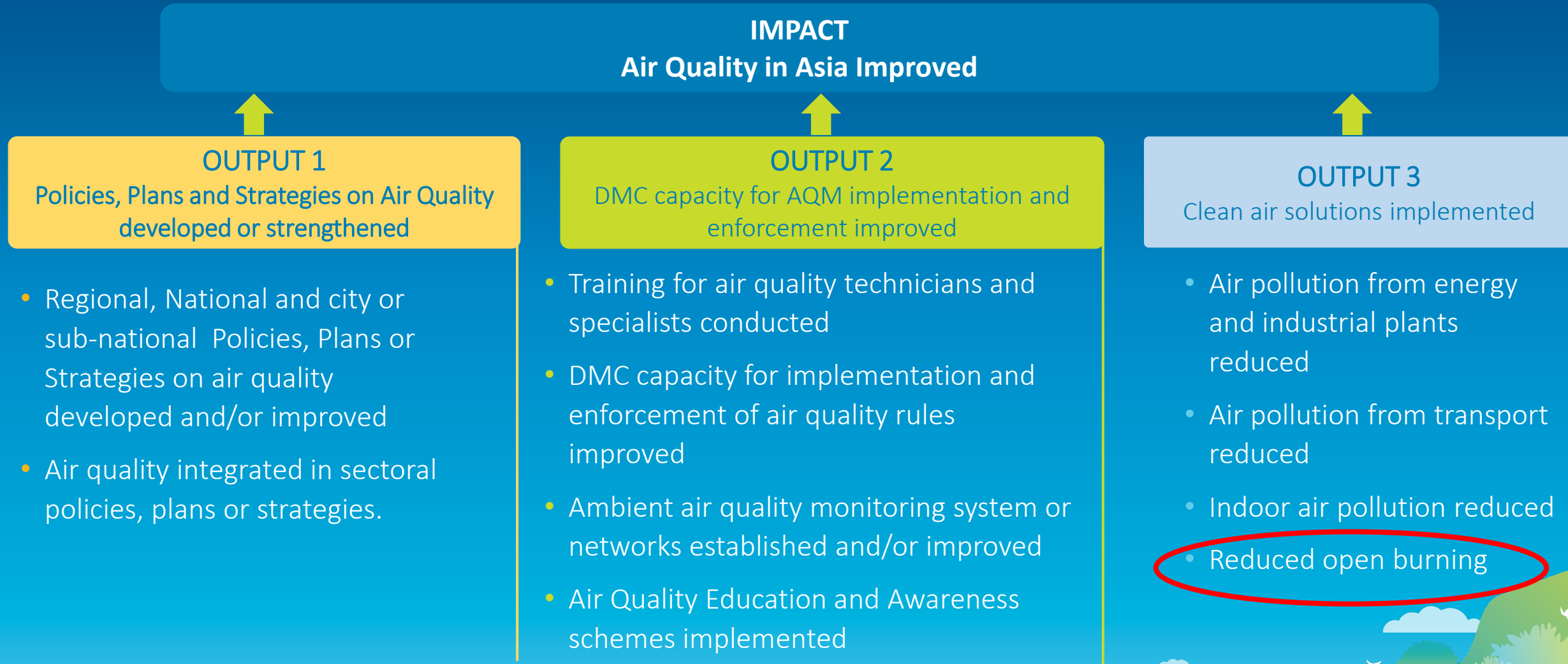
*The views expressed in this presentation are the views of the author/s and do not necessarily reflect the views or policies of the Asian Development Bank, or its Board of Governors, or the governments they represent. ADB does not guarantee the accuracy of the data included in this presentation and accepts no responsibility for any consequence of their use. The countries listed in this presentation do not imply any view on ADB's part as to sovereignty or independent status or necessarily conform to ADB's terminology.*





# ASIA CLEAN BLUE SKIES PROGRAM (ACBSP) FRAMEWORK

GOAL: ADB to play an active role and be a leader in Air Quality Management in the region



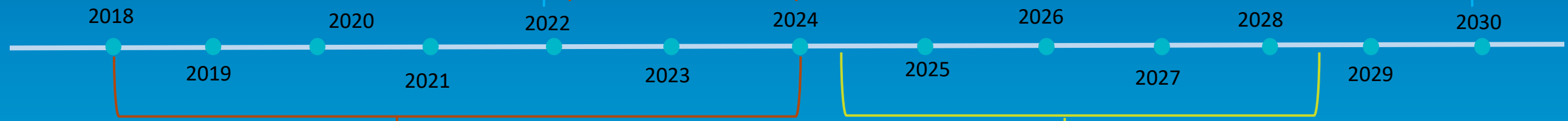


# ACBSP – Phased Approach

UNEP, UNESCAP, CCAC, WHO, CAA, CAF, World Bank, ICIMOD, ASEAN secretariat etc.

Leverage partnerships

Scale up financing for Air Quality



**\$4.61 million**  
Regional TA: Strengthening Knowledge and Actions on AQI

New Regional TA  
CCRE



Sector Groups  
PSOD, RDs, RMs, SPD; ERDI, DOCK, OGC; PPF



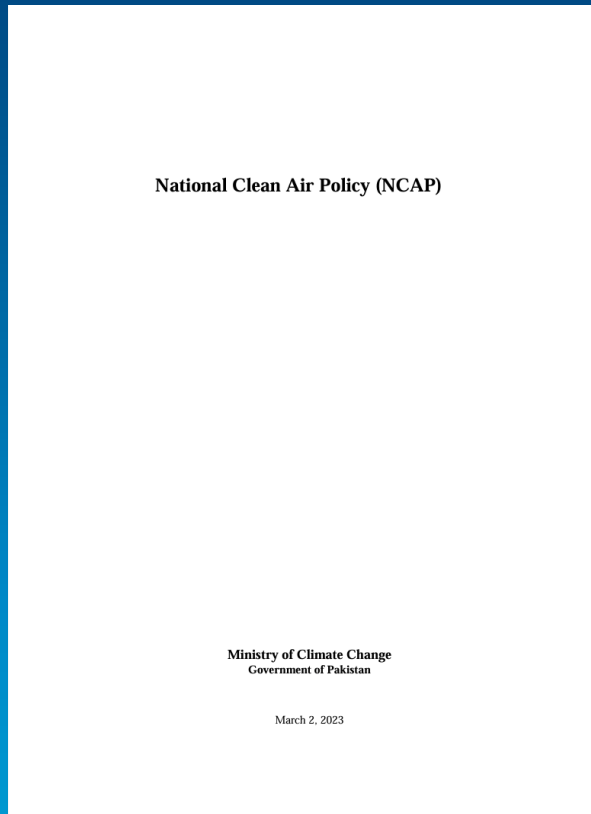
Clean Air with Improved Agricultural Crop Residue and Biomass Management  
6 June 2024 • Joy~Nostalg, Manila, Philippines





# OUTPUT 1

## Policies, Plans and Strategies on Air Quality developed or strengthened

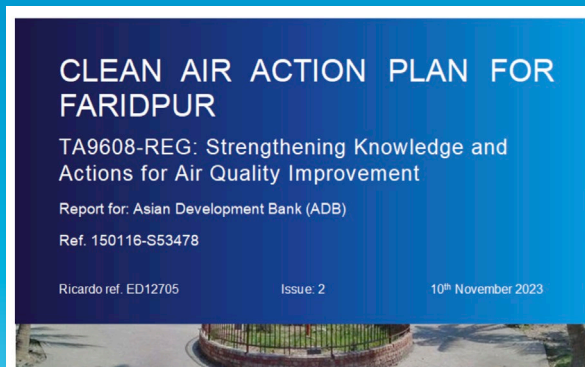


### ACBSP – Phase 1 (Completed)

- Clean Air Action Plans (CAAP) prepared for 6 cities
- CAAP Roadmap prepared for 2 cities
- Air Quality integrated into the NDC for Pakistan
- Supported preparation of Pakistan National Clean Air Policy
- Mainstreamed Air Quality in CPS for UZB, PHL, INO, NEP
- Create draft AQ tracking system within ADB linking with PCS and CRF

### ACBSP – Phase 2 (Proposed)

- Continue supporting CAAPs at national/provincial/city levels
- Continue mainstreaming Air Quality in CPS
- Support strengthening of national air quality policies/ regulations
- Support mainstreaming of Air Quality in Sectoral strategies/plans
- Establish AQ targets and start tracking AQ projects annually within ADB



Clean Air with Improved Agricultural Crop Residue and Biomass Management

6 June 2024 • Joy~Nostalg, Manila, Philippines





## OUTPUT 2

# DMC capacity for AQM implementation and enforcement improved

### ACBSP: 1<sup>st</sup> Phase (Completed)

1. Completed 8 knowledge events/training workshops (2 were on crop residue burning and 1 roundtable meeting in the Mekong Subregion)
2. Hosted and co-organized the Better Air Quality Conference (BAQ) in in Nov 2023.
3. Procured, installed and operated Low-Cost Sensors in 8 cities

### ACBSP: 2<sup>nd</sup> Phase (Proposed)

1. Continue organizing training workshops, roundtable meetings, and contributing to international, regional conferences
2. Improve capacity on enforcement of air quality regulations
3. Organize study tours and knowledge exchange programs
4. Continue supporting installation and operation of AQ monitoring sensors and data management and communication
5. Prepare toolkits, guidance, manual for AQ improvement



BAQ 2023





## OUTPUT 3 Clean air solutions implemented

### ACBSP: 1<sup>st</sup> Phase (almost completed)

1. ADB portfolio reviewed for AQM investment opportunities
2. Technical studies for 5 investment projects in MON (ENE), KGZ (WUD), SRI (ENE), PHI (PSOD), INO (PSOD) including seeking grant co-financing from JFJCM
3. Stocktaking for greening textile industries in Ho Chi Minh, VIE



### ACBSP: 2<sup>nd</sup> Phase (Proposed)

1. Continue efforts to create pipeline of investment projects on AQM – through policy dialogue and engaging with DMCs
2. Priority sectors: agriculture, energy, transport, industries
3. Priority airsheds: Indo-Gangetic airshed; Mekong subregion and ASEAN
4. Priority countries: IND, PAK, BAN, NEP, MON, KGZ, UZB, THA, LAO, CAM, VIE, MYA, INO, MAL
5. Priority cities (based ongoing discussions): Dhaka, Bangkok, Bishkek, Jakarta, Hanoi, Ho Chi Minh





Thank you!

